

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Busch-Peterson, et al. 18 May 2007
Serial No.: 10/575,839 Group Art Unit No.: 1625
Filed: 13 April 2006 Examiner: Rahmani, N.
For: MUSCARINIC ACETYLCHOLINE RECEPTOR ANTAGONISTS (as amended)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FILING OF A SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

The attached list of citations on PTO Form 1449 is being submitted under the provisions of 37 CFR §1.56 and §1.97 for consideration by the United States Patent and Trademark Office, prior to the granting of this patent. Their inclusion herein should not, however, be construed as an admission that any particular cited document is effective prior art or that it discloses or renders obvious any aspect of the claimed invention. A copy of each cited document is enclosed, except U.S. Patent documents, and those references which are already part of the filewrapper.

Please note on page 1 of the PTOL-1449 forms that WIPO publication WO 2000/006545 has a corresponding US publication (US 2003/073690) and two US Patents, of which the 2 US patents are cited on the enclosed PTO1449 Form, e.g., US 6,455,527 and US 6,262,066.

The Examiners attention is drawn to the following co-pending US applications shown below, in tabular form. The four US publications are cited on the accompanying PTOL-1449 form, page 2. The corresponding WIPO publications for these US applications, where not published in the US, are also provided for on the PTOL forms, pages 2 and 3. There are related PCT applications of Applicants for Muscarinic Receptor Antagonists that have published (as a WIPO application) but do not have a corresponding US application. These publications appear on pages 2 and 3 of the PTOL 1449 forms under the Foreign Patent Documents.

Foreign Publication	Filing Date	US Application	Filing Date
PCT/US2004/010641 WO2004/091482	07-Apr-2004	10/552,492 2006/0211758	7 October 2005
PCT/US2004/022947 WO2005/009439	16-Jul-2004	10/565,046 2006/0178395	17 January 2006
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PCT/US2004/036663 WO2005/046586	04-Nov-2004	10/577,834	1 May 2006

Serial No.: 10/575,839
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PCT/US2004/040667 WO2005/055940	03-Dec-2004	10/581,230	17 Mar 2007
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PCT/US2005/008302 WO2005/087236	11-Mar-2005	10/598,743	11-Sep 2006
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PCT/US2005/027957 WO2006/017767	05-Aug-2005	11/573,099	02 Feb 2007

This statement is being filed within the time period specified in 37 CFR §1.97(b). No fee is required.

Respectfully submitted,



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Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. PU60539	SERIAL NO. 10/575,839
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT Busch-Peterson, et al.	
		FILING DATE 13 April 2006	GROUP 1625

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	6,455,527	24 Sep 02	Tulshian, et al.			
	6,262,066	17 Jul 01	Tulshian, et al.			
	6,248,752	19 Jun 01	Smith			
	6,350,758	26 Feb 02	Kozikowski, et al.			

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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Zirkle, et al., <i>J Med Chem</i> , Vol. 5 pgs 341-356 (1962)
	Wu, et al., <i>Zhongguo Yaowu Huazue Zazhi</i> , Vol. 3 (1) pgs 23-26 (1993) ABSTRACT only
	Ran, et al., <i>Yaoxue Xuebao</i> , Vol. 19 (5) pgs 361-366 (1984) ABSTRACT only
	Ikeda, et al., <i>Naunyn-Schmiedeberg's Arch Pharmacol.</i> , Vol. 366, pages 97-103, (2002)
	Caulfield, <i>Pharmac. Ther.</i> , Vol. 58 pgs 319-79 (1993)
	Fryer and Jacoby, <i>Am J Respir Crit Care Med</i> , Vol. 158 (5, pt 3) pgs 154-60 (1998)
	Fryer et al., <i>Life Sci</i> , Vol. 64 (6-7) pgs 449-55 (1999)
	Pauwels et al., <i>Am. J. Respir. Crit. Care Med.</i> , Vol. 163 pgs 1256-1276 (2001)
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	2006/0211758	21 Sep 06	Busch-Peterson, et al.			
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			Palovich, et al., USSN 10/575837			13 Apr 06
			Wan, et al., USSN 10/577834			01 May 06
			Busch-Peterson, et al. USSN 10/581230			17 Mar 07
			Busch-Peterson, et al. USSN 10/581229			15 Mar 07
			Laine, et al. USSN 10/585830			12 Jul 06
			Budzik, et al. USSN 10/598743			11 Sep 06
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	2006/062883	15 Jun 06	WIPO				
	2006/062931	15 Jun 06	WIPO				
	2006/065755	22 Jun 06	WIPO				

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			Laine, et al. USSN 10/599717			06 Oct 06
			Laine, et al. USSN 11/568330			03 May 07
			Laine, et al. USSN 11/568930			10 Nov 06
			Palovich, et al. USSN 11/568909			10 Nov 06
			Cooper, et al. USSN 11/570981			20 Dec 06
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			Busch-Peterson, et al. USSN 11/573099			2 Feb 07

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	2007/022351	22 Feb 07	WIPO				

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